

Preliminary DRAFT North Lake Washington Chinook Population - Tier I - Initial Habitat Project List
Includes Potential Restoration and Protection Projects by Reach.
Lake Sammamish Sections 1-6

Basinwide Recommendations:

Project #	Description
I611	Docks/Bulkhead Enforcement - Many docks and bulkheads continue to be built and repaired without permits. Enforcement of existing regulations is critical.
I612	Filling and Bank Hardening - There is a real need for BMPs and Design standards for single family residences which include bioengineering options and some vegetation requirements/suggestions. May be possible to use retailers to disseminate info/products.
I613	Bio-engineering Demonstration Projects - Demonstration projects showing technologies to reduce bank hardening should be built. Public properties should be used, although some private SF properties should also be targeted.
I614	Explore opportunities to reduce the number of private docks and increase riparian vegetation through assistance and incentive programs.
I615	Explore "management" practices at community beaches and investigate opportunities to reduce associated impacts.
I616	Protect Sandy shorelines where they exist.
I617	Restrict Barge Anchoring at Creek Mouths - The barge used for dock building and repair is often left anchored for long periods of time near the mouths of creeks. It is recommended that this practice be eliminated.
I618	Add more "no wake" buoys around the lake shore to protect from wave-induced damage from wakeboard and other boats.

Section 1: Lake Sammamish State Park, reaches 1-7

Restoration

Technical Hypothesis:

Project #	Sect. #	Section Restor. Benefit Rank	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
I291	1		new	Mouth of Issaquah Creek Habitat Enhancement: Project would primarily consist of bank and in-water revegetation at the mouth of the creek. Site is currently heavily impacted by human use.		Revegetation may not be successful unless human use of the site is reduced/eliminated.		

Protection**Technical Hypothesis:**

Project #	Sect. #	Section Prot. Benefit Rank	Exist. Prot. Priority (Y/N)	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
I292	1			new	Sammamish State Park Recreation Management: Significant changes in park management and enforcement are needed to protect site from human disturbance. Specific recommendations include enforcement of fishing regulations (particularly snagging) in the creek, eliminating motorized boat "beach landing" especially beach-side fueling, signage about salmon near creek, and hydro boat impacts from large events. Above should be integrated with park management plan.		There were mixed feelings about the benefits and or impacts of installing a fuel stop at the park. Currently, boaters fill up from gas cans all around the lake and are far more likely to cause spills than if a gas stop was developed. At the same time it might add even more use to this site which is already heavily overused. WDFW is responsible for fisheries management and should be notified about the fish snagging problem and be encouraged to better enforce regulations.		
I293	1			new	Recreation Off-Limits Zones at Creek Mouths: To minimize impacts to fish and vegetation, it was proposed that human use be eliminated from reaches 2,3 as well as 6,7,8 which include the mouths of Issaquah and Tibbits Creeks.				

Section 2: Southeast Lake Sammamish, reaches 29-34**Restoration****Technical Hypothesis:**

Project #	Sect. #	Section Restor. Benefit Rank	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
I294	2		new	Laughing Jacobs Creek Mouth Restoration: Potential site restoration at the mouth of creek where lawns currently run to the edge of the lake, near wetland area.		Project may require acquisition of land, or possibly could be accomplished through other means. Unsure about landowner willingness. Some participants thought that the mouth of the creek was relatively functional and should simply be protected from further degradation.		
I295	2		new	No-Barge-Anchor-Zone: The mouth of Laughing Jacobs creek is a common barge anchor site. As with the basin-wide recommendation above, barges should not be permitted to anchor in front of creek mouth.				

I296	2		new	Beach Restoration at Creek North of Laughing Jacobs Creek: Private beach at the mouth of the creek north of Laughing Jacobs creek has a history of beach nourishment and drift, which is causing problems with the boat-lift at the site. Project could explore opportunity to work with landowner to address boat-lift problems as well as restore site.		Landowner may be willing to explore projects given the problems they are experiencing due to sand drift.		
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Protection**Technical Hypothesis:**

Project #	Sect. #	Section Prot. Benefit Rank	Exist. Prot. Priority (Y/N)	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
I297	2			1e	Protect Mallard Cove parcel just north of Sammamish State Park.		Parcel is proposed for a condo development. As a part of this development there was a proposal to include a fuel stop. More follow-up on the status of the project is necessary.		

Section 3: Southwest Lake Sammamish (I-90, Tibbetts, Lewis), reaches 8-11, 35**Restoration****Technical Hypothesis:**

Project #	Sect. #	Section Restor. Benefit Rank	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
I298	3		new	Recreation Off-Limits Zones at Creek Mouths: To minimize impacts to fish and vegetation, it was proposed that human use be eliminated from reaches 2,3 as well as 6,7,8 which include the mouths of Issaquah and Tibbits Creeks.				

Protection**Technical Hypothesis:**

Project #	Sect. #	Section Prot. Benefit Rank	Exist. Prot. Priority (Y/N)	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
	3			new	No projects identified at this time				

Section 4: Mid-Lake Sammamish South (Phantom Creek) East reaches 36, 12, West reaches 27-31**Restoration****Technical Hypothesis:**

Project #	Sect. #	Section Restor. Benefit Rank	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
I299	4		new	Vasa Creek Mouth Restoration: Potential site for restoration at the mouth of Vasa Creek which is owned by private beach park association.		Park association is assumed to be willing to cooperate and interested in possible funding sources available to assist with and expand project.		

Protection**Technical Hypothesis:**

Project #	Sect. #	Section Prot. Benefit Rank	Exist. Prot. Priority (Y/N)	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
I300	4			new	Phantom Creek Habitat Protection: One relatively large parcel exists at the mouth of Phantom Creek that would be ideal for acquisition and possible restoration.		Landowner was approached previously and was not willing to sell.		
I301	4			new	Forested Buffer Protection: Project would acquire private land to protect the forested section of buffer in reach 29.		Little is known about landowner willingness.		

Section 5: Mid-Lake Sammamish North, East reaches - 13-14, West reaches - 22-26**Restoration****Technical Hypothesis:**

Project #	Sect. #	Section Restor. Benefit Rank	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
			new	No projects identified at this time				

Protection**Technical Hypothesis:**

Project #	Sect. #	Section Prot. Benefit Rank	Exist. Prot. Priority (Y/N)	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
I302	5			new	Pine Lake Creek: Restoration work was conducted on this site previously but not maintained. Site should be monitored to ensure that benefits from restoration are being preserved.				
I303	5			1b	Protect semi-natural shoreline between Weber Point and Inglewood Hills Road.		Significant degradation ongoing at site including shoreline filling and hardening without permits.		
I304	5			1c	Protect semi-natural shoreline between Weber Point and Inglewood Hills Road.		Significant degradation ongoing at site including shoreline filling and hardening without permits.		
I305	5			1d	Protect Inglewood Hill shoreline at end of Inglewood Hills Road.				
I306	5			new	Protect Barret and Hughes Properties: Two large parcels exist in this section that have relatively intact sections of forested shoreline. The Barret property includes 450 ft of shoreline and the Hughes property includes 200 ft of shoreline.		Both parcels are being considered for subdivision.		

Section 6: North Lake Sammamish (Marymoor) reaches 14-21**Restoration****Technical Hypothesis:**

Project #	Sect. #	Section Restor. Benefit Rank	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
	6			No projects identified at this time				

Protection**Technical Hypothesis:**

Project #	Sect. #	Section Prot. Benefit Rank	Exist. Prot. Priority (Y/N)	NTAA #	NTAA Name & Description	Approx. Cost	Notes, Key Uncertainties	Benefits to Chinook H, M, L	Feasib. H, M, L
I307	6			new	Protect Shoreline Connectivity around NE Corner of Lake - Approximately 4,000 ft of shoreline exist in this area with only 2 homes. Project would acquire homes and remaining non-public property to ensure protection of area.		City of Sammamish bought two large sections of shoreline in this area, so much of this land is already in public ownership.		
I308	6			1a	Protect semi-natural shoreline north of Weber Point.				